

## Contents of Volume 32

### No. 1

- Effects of  $\beta$ -D-xyloside on morphogenesis and cytodifferentiation in cultured embryonic mouse molars  
*M.P. Mark, V. Karcher-Djuricic, J.R. Baker and J.-V. Ruch (France, U.S.A.)*

1

- Synthetic retinoids, retinobenzoic acids, Am80, Am580 and Ch55 regulate morphogenesis in chick limb bud  
*K. Tamura, H. Kagechika, Y. Hashimoto, K. Shudo, K. Ohsugi and H. Ide (Japan)*

17

- Isolation of a vegetalizing inducing factor after extraction with acid ethanol. Concentration-dependent inducing capacity of the factor  
*S. Plessow, M. Davids, J. Born, P. Hoppe, B. Loppnow-Blinde, H. Tiedemann and H. Tiedemann (F.R.G.)*

27

- A2B5-reactive ganglioside expression determines the differentiation stage and capacity of rat insulinoma (RIN) sublines  
*R.K. Bartholomeusz, I.L. Campbell and L.C. Harrison (Australia)*

39

- Newly synthesized proteoglycans secreted by sequentially derived populations of cells from new-born rat calvaria: Effects of transforming growth factor- $\beta$  and matrigenin activity  
*R.K. Chopra, Z.-M. Li, S. Vickery and T. Anastasiades (Canada)*

47

- Coordinate and discoordinate accumulation of protein constituents in chicken breast muscle  
*M. Nakamura, Y. Yao and T. Hirabayashi (Japan)*

61

### No. 2

- Are neuronal precursor cells committed to coexpress different neuroactive substances in early amphibian neurulae?  
*F. Pituello, S. Boudannaoui, F. Foulquier and A.M. Duprat (France)*

71

- Altered patterns of proteoglycan deposition during maturation of the fetal mouse lung  
*C.I. Smith, E.H. Webster, M.A. Nathanson, R.L. Searls and S.R. Hilfer (U.S.A.)*

83

- Appearance of the keratin pair K3/K12 during embryonic and adult corneal epithelial differentiation in the chick and in the rabbit  
*C. Chaloin-Dufau, T.-T. Sun and D. Dhoubailly (France, U.S.A.)*

97

- Prostaglandin-dependent phosphatidylinositol signaling during embryonic chick myogenesis  
*H. Elgendy and R.E. Hausman (U.S.A.)*

109

- Extracellular matrix components prevent neural differentiation of disaggregated *Xenopus* ectoderm cells  
*H. Grunz and L. Tacke (F.R.G.)*

117

- Relationship between notochord and the bursa pharyngea in early human development  
*M.S. Babić (Yugoslavia, Finland)*

125

- Detection of cellular retinoic acid-binding protein in chick embryonic tissues by monoclonal antibodies  
*R.K. Singh, A. Chowdhury and B.P. Sani (U.S.A.)*

131

- Expression of low molecular mass cytokeratins in oocytes of *Schistosoma mansoni*  
*E. Linder and C. Thors (Sweden)*

141

- Tissue interactions involving cranial neural crest in cartilage formation in *Xenopus laevis* (Daudin)  
*D.W. Seufert and B.K. Hall (Canada)*

153

- Influence of heterospecific testis graft on the gonadal sex differentiation of female bird embryos  
*M. Rashedi, R. Maraud, M. Piet, M.-C. Castet and M. Audine (France)*

167

### No. 3

- The Sigrid Jusélius Symposium Proceedings, guest editor D. Vaheri, University of Helsinki, Helsinki, Finland